

FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

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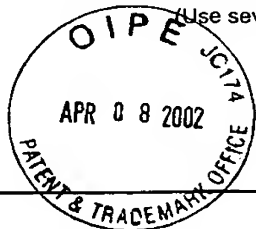
KCC-14,977

SERIAL NO.

10/034,335

LIST OF PRIOR ART CITED BY APPLICANT

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Charles MORELL et al.

FILING DATE

28 December 2001

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CSH	AA	3,338,992	08/1967	Kinney	264	24	
CSH	AB	3,341,394	09/1967	Kinney	161	72	
CSH	AC	3,502,763	03/1970	Hartmann	264	210	
CSH	AD	3,502,538	03/1970	Petersen	161	150	
CSH	AE	3,542,615	11/1970	Dobo et al.	156	181	
CSH	AF	3,692,618	09/1972	Dorschner et al.	161	72	
CSH	AG	3,802,817	04/1974	Matsuki et al.	425	66	
CSH	AH	3,849,241	11/1974	Butin et al.	161	169	
CSH	AI	4,340,563	07/1982	Appel et al.	264	518	
CSH	AJ	4,965,122	10/1990	Morman	428	255	
CSH	AK	5,108,820	04/1992	Kaneko et al.	428	198	

FOREIGN PATENT DOCUMENTS

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USCOMM-DC 80-3985

P1005.1/ paf

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CSA	AA	5,336,552	08/1994	Strack et al.	428	224	
CSA	AB	5,382,400	01/1995	Pike et al.	264	168	
CSA	AC	5,385,775	01/1995	Wright	428	284	
	AD						
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	AF						
	AG						
	AH						
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CSH	AA	4,100,324	07/1978	Anderson et al.	428	288	
CSH	AB	4,189,338	02/1980	Ejima et al.	156	167	
CSH	AC	4,259,220	03/1981	Bunnelle et al.	260	27	
CSH	AD	4,269,888	05/1981	Ejima et al.	428	296	
CSH	AE	4,418,123	11/1983	Bunnelle et al.	428	517	
CSH	AF	4,469,540	09/1984	Furukawa et al.	156	62.4	
CSH	AG	4,543,099	09/1985	Bunnelle et al.	604	385	
CSH	AH	4,606,964	08/1986	Wideman	428	152	
CSH	AI	4,618,384	10/1986	Sabee	156	205	
CSH	AJ	4,696,779	09/1987	Wideman	264	211.13	
CSH	AK	4,698,242	10/1987	Salerno	427	208.2	

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
CSH	AL	EP 0 747 521 A2	12/1996	EPO				
CSH	AM	WO 93/15249	08/1993	PCT				
CSH	AN	WO 95/22644	08/1995	PCT				
CSH	AO	WO 00/28123	05/2000	PCT				
CSH	AP	WO 00/29655	05/2000	PCT				

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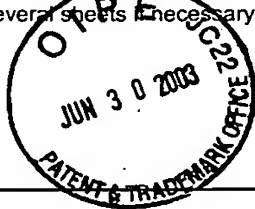
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CSH	AA	4,699,941	10/1987	Salerno	524	308	
CSH	AB	4,719,261	01/1988	Bunnelle et al.	525	97	
CSH	AC	4,720,415	01/1988	Vander Wielen et al.	428	152	
CSH	AD	4,761,198	08/1988	Salerno	156	334	
CSH	AE	5,171,633	12/1992	Muramoto et al.	428	374	
CSH	AF	5,219,633	06/1993	Sabee	428	109	
CSH	AG	5,342,858	08/1994	Litchholt et al.	521	98	
CSH	AH	5,366,793	11/1994	Fitts, Jr. et al.	428	198	
CSH	AI	5,389,168	02/1995	Litchholt et al.	156	77	
CSH	AJ	5,462,793	10/1995	Isoda et al.	428	297	
	AK	5,503,919	04/1996	Litchholt et al.	428	286	

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
CSH	AL	WO 00/29657	05/2000	PCT				
CSH	AM	JP 61194221 A	08/1986	Japan Abstract				
CSH	AN	JP 3069614 A	03/1991	Japan Abstract				
CSH	AO	JP 3161330 A	07/1991	Japan Abstract				
CSH	AP	JP 6306708 A	11/1994	Japan Abstract				

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Ch	AA	5,536,563	07/1996	Shah et al.	428	224	
Ch	AB	5,593,525	01/1997	Isoda et al.	156	622	
Ch	AC	5,593,768	01/1997	Gessner	428	286	
Ch	AD	5,677,057	10/1997	Tashiro et al.	428	374	
Ch	AE	5,780,155	07/1998	Ishizawa et al.	428	370	
Ch	AF	5,804,286	09/1998	Quantrille et al.	428	198	
Ch	AG	5,858,528	01/1999	Tashiro et al.	428	357	
Ch	AH	5,906,879	05/1999	Huntoon et al.	428	136	
Ch	AI	5,993,944	11/1999	Honna et al.	428	198	
Ch	AJ	6,001,752	12/1999	Ishizawa et al.	442	632	
Ch	AK	6,057,024	05/2000	Mleziva et al.	428	114	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
Ch	AL	JP 3000814 A	01/1991	Japan Abstract	—	—		
Ch	AM	JP 2000154428 A	06/2000	Japan Abstract	—	—		
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